

ABSTRACT

A method for deciding objectively whether a refractory plate of a slide gate valve used to control the flow of a molten metal during the pouring of the metal from an upper vessel to a lower vessel can be reused or should be discarded. Values of parameters measured during pouring or proper to the plate are determined during successive uses of the plate. The values are compared to threshold values to reach a decision. Also, a device for making decisions according to this method.